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FIG. 1

```

At5g10410      -----MEG---TGVVAVYGNGAITEAK-KSPFSVKVGLAQMLRGGVIMDVVNAEQARIAEE  52
At2g38230      -----MAG---TGVVAVYGEAMTETKQKSPFSVKVGLAQMLRGGVIMDVVNAEQARIAEE  53
At3g16050      MADQAMTDQDQGAVTLYSGTAITDAKKNHFPFSVKVGLAQVLRGGAIVEVSSVNQAKLAES  60
snz3           -----MS-----EFKVKTGLAQMLKGGVIMDVVTPEQAIIAER  33
snz2           -----MS-----EFKVKTGLAQMLKGGVIMDVVTPEQAIIAER  33
snz1           -----MTG-----EDFKIKSGLAQMLKGGVIMDVVTPEQAKIAEK  35
               *                               *. : * **** : * : * . : * : *

At5g10410      AGACAVMALERVPADIRAQGGVARMSDPQMIKEIKQAVTIPVMAKARIGHFVEAQILEAI  112
At2g38230      AGACAVMALERVPADIRAQGGVARMSDPEMIKEIKNAV TIPVMAKARIGHFVEAQILEAI  113
At3g16050      AGACSVIVSD----PVRSRGGVRRMPDPVLKEVKRAVSVPVMAARVGHFVEAQILESL  116
snz3           AGACAVMALERIPADMRKSGQVCRMSDPRMIKEIMEAVSIPVMAKVRIGHFVEAQILEEL  93
snz2           AGACAVMALERIPADMRKSGQVCRMSDPRMIKEIMEAVSIPVMAKVRIGHFVEAQILEEL  93
snz1           SGACAVMALESIPADMRKSGKVC RMSDPKMIKDIMNSVSIPVMAKVRIGHFVEAQIIEAL  95
               : * : * : . : : * * * * : * : * : . : : * : * : * : * : * : * :

At5g10410      GIDYIDSEVLT LADEDHHINKHNFRIPFVCGCRNLGEALRRIREGAAMIRTKG-EAGTG  171
At2g38230      GVDYVDESEVLT LADEDNHINKHNFKIPFVCGCRNLGEALRRIREGAAMIRTKG-EAGTG  172
At3g16050      AVDYIDSEIISVADDDHFINKHNFRSPFICGCRDTGEALRRIREGAAMIRIQGDLTATG  176
snz3           QVDYIDSEVLT PADWTHHIEKHNFKVPFVCGAKDLGEALRRINEGAAMIRTKG-EAGTG  152
snz2           QVDYIDSEVLT PADWTHHIEKHNFKVPFVCGAKDLGEALRRINEGAAMIRTKG-EAGTG  152
snz1           EVDYIDSEVLT PADWTHHIEKDKFKVPFVCGAKDLGEALRRINEGAAMIRTKG-EAGTG  154
               : * : * : * : * : * : * : * : * : * : * : * : * : * : * :

At5g10410      NIEAVRHVRSVNGDIRVLRN--MDDDEVFTFAKKLAAPYDLVMQTKQLGRLPVVQFAAG  229
At2g38230      NVVEAVRHVRSVNGAIRLLRS--MDDDEVFTYAKKIAAPYDLVVQTKELGRLPVVQFAAG  230
At3g16050      NIAETVKNVRSLSMGEVRLNN--MDDDEVFTFAKKISAPYDLVAQTKQMGVRVPVVQFASG  234
snz3           DVSEAVKHITKIKAEIQYKENLKTESDFAAKATELRVPVDLLKTTLSEGLPVPVNFAAG  212
snz2           DVSEAVKHITKIKAEIQYKENLKTESDFAAKATELRVPVDLLKTTLSEGLPVPVNFAAG  212
snz1           DVSEAVKHIRRITEEIKACQQ-LKSEDDIAKVAEEMRVPVSLLDVLEKGLPVPVNFAAG  213
               : : * : : : : : : : : : : : * : : * : : : : : * : : * : * :

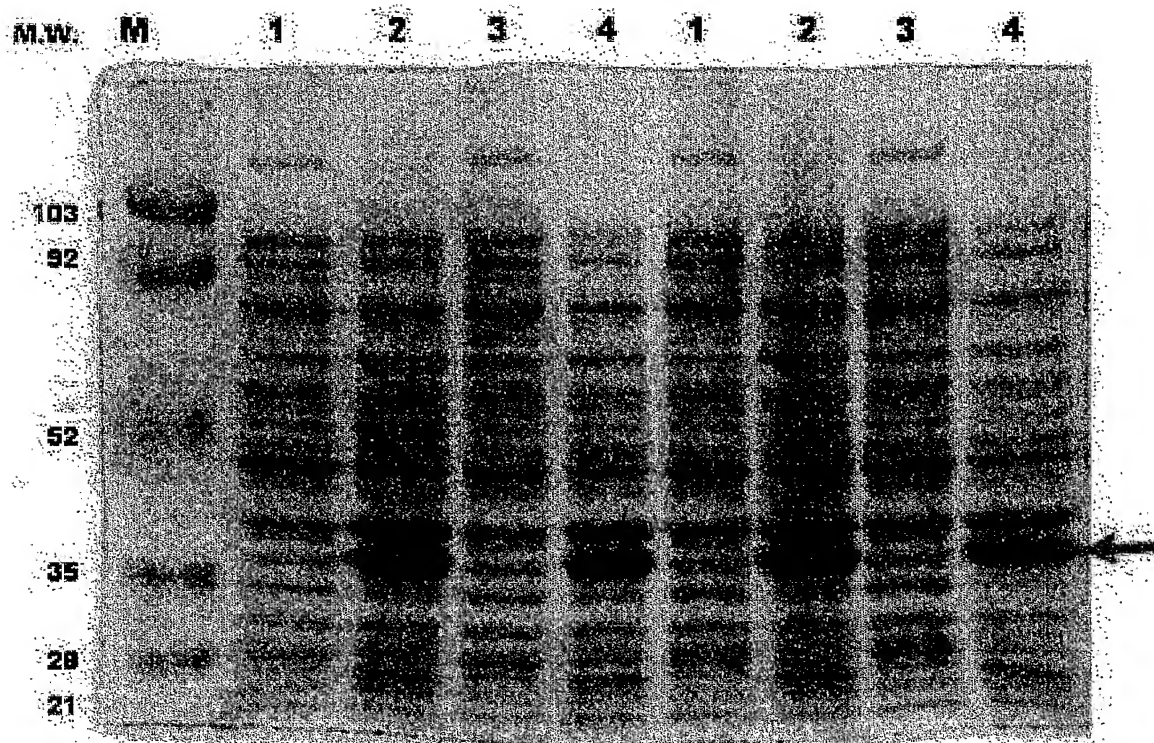
At5g10410      GVATPADAALMMQLGCDGVFVSGSIFKSGDPARRARAIVQAVTHYSDEPLVEVSCGLGE  289
At2g38230      GVATPADAALMMQLGCDGVFVSGSVFKSGDPVKRAKAIQAVTNYRDAAVLAEVSCGLGE  290
At3g16050      GITTPADAALMMQLGCDGVFVSGSEVFDGDPDFKKLRSIVQAVQHYNDPHVLAEMSSGLEN  294
snz3           GVATPADAALLMQLGCEGVFVSGSIFKSSDPEKLACAIVEATTHYDNPAKLLQVSSDLGD  272
snz2           GVATPADAALLMQLGCEGVFVSGSIFKSSDPEKLACAIVEATTHYDNPAKLLQISSDLGD  272
snz1           GVATPADAALLMQLGCDGVFVSGSIFKSSNPFVRLATAVVEATTHFDNPSKLLLEVSSDLGE  273
               * : * : * : * : * : * : * : * : * : * : * : * : * : * : * :

At5g10410      AMVGINLNDEKVERFANRSE----- 309
At2g38230      AMVGLNLDD-KVERFASRSE----- 309
At3g16050      AMESLNVRGDRIQDFGQGSV----- 314
snz3           LMGGISIQSINEAGGKNGARLSEIGW 298
snz2           LMGGISIQSINEAGGKNGARLSEIGW 298
snz1           LMGGVSIESISHAS--NGVRLSEIGW 297
               * . : . : .

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FIG. 2



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FIG. 3A

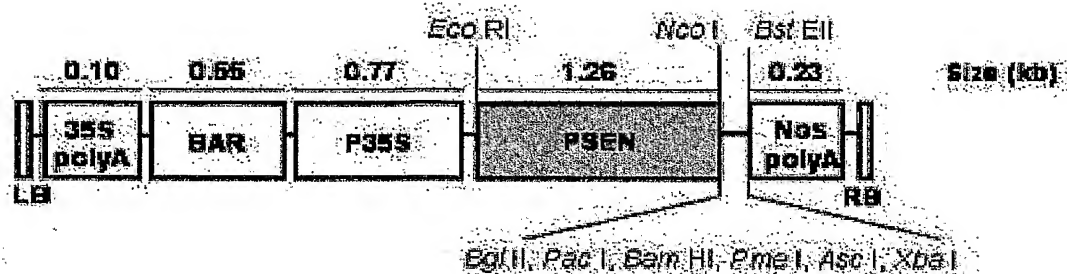
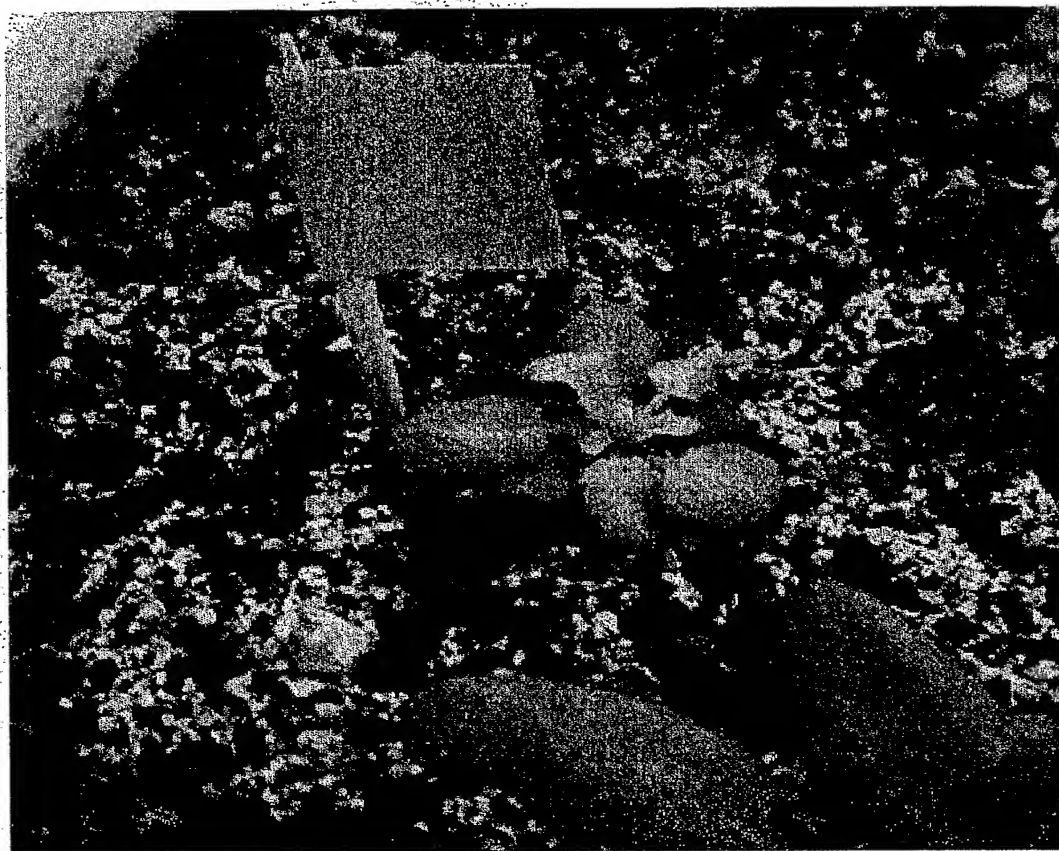


FIG. 3B



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FIG. 4



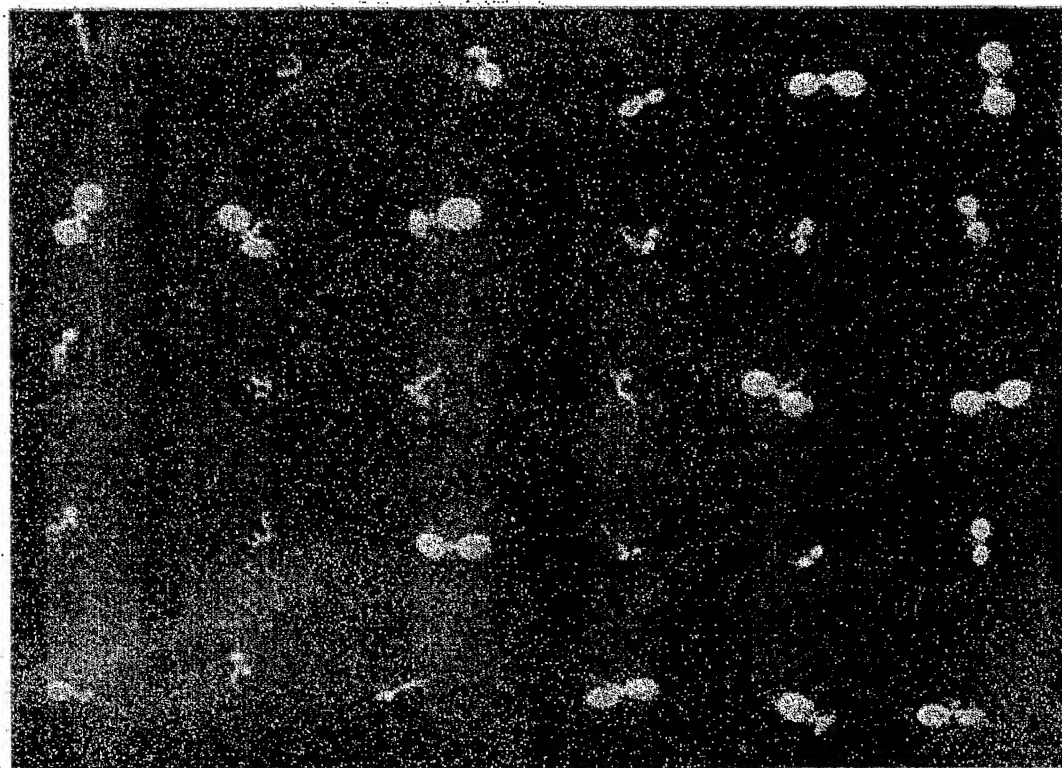
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FIG. 5A



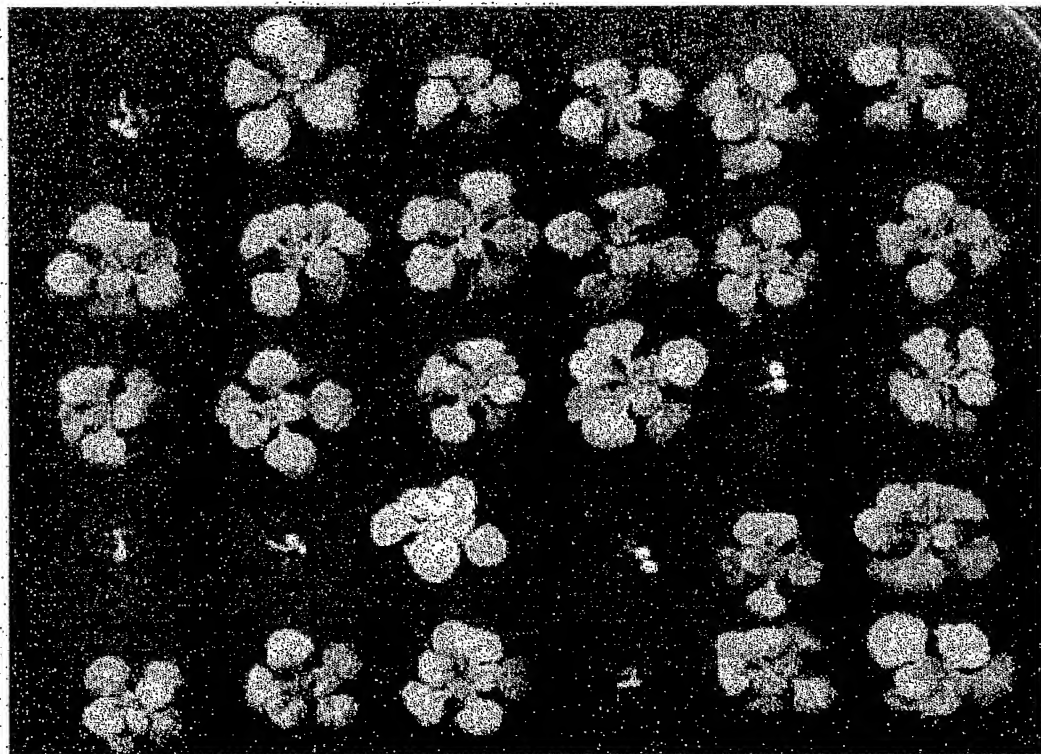
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FIG. 5B



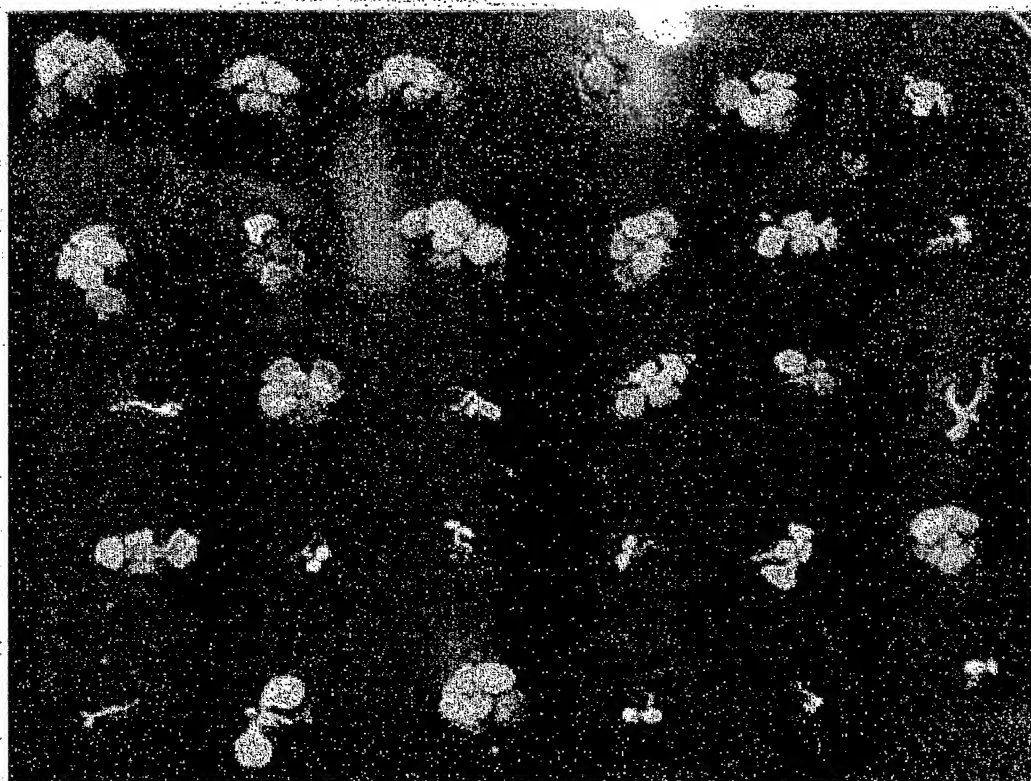
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FIG. 5C



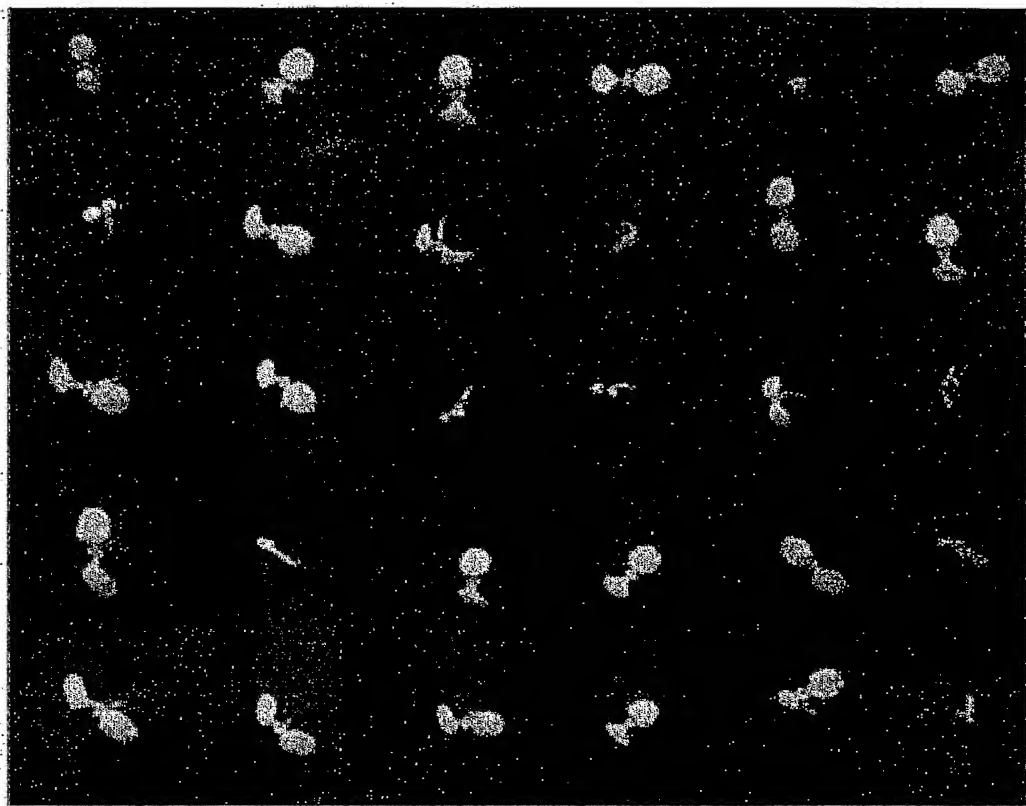
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FIG. 5D



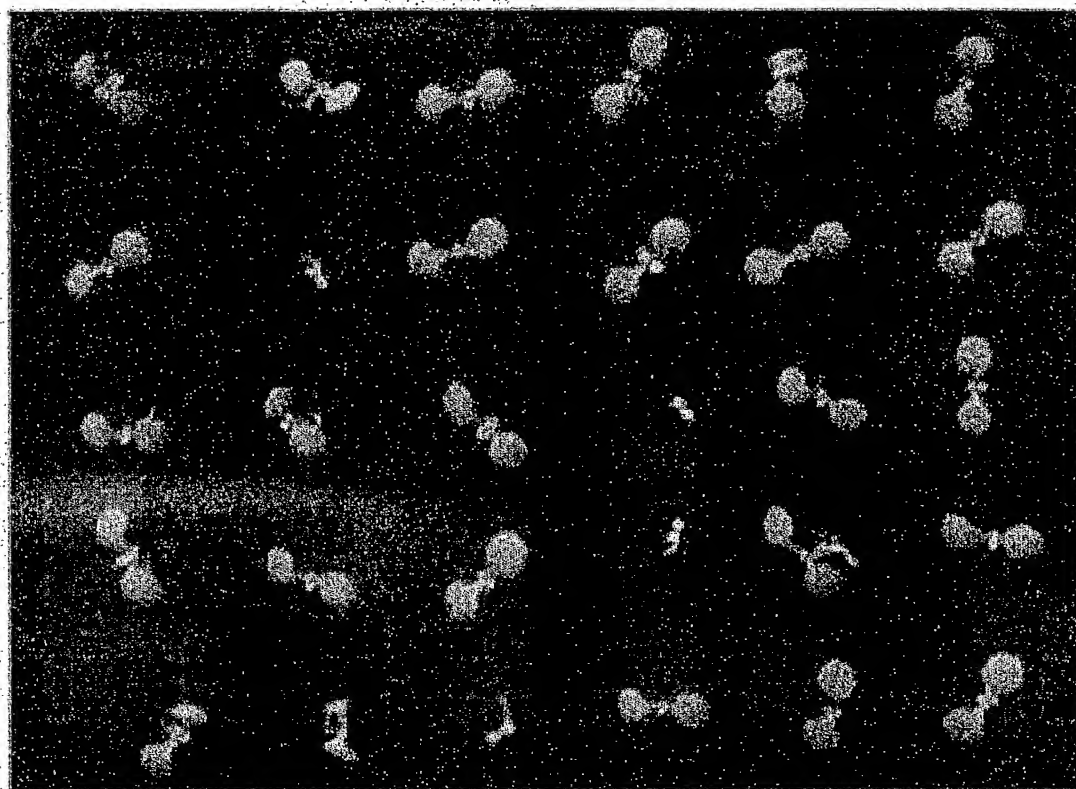
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FIG. 6A



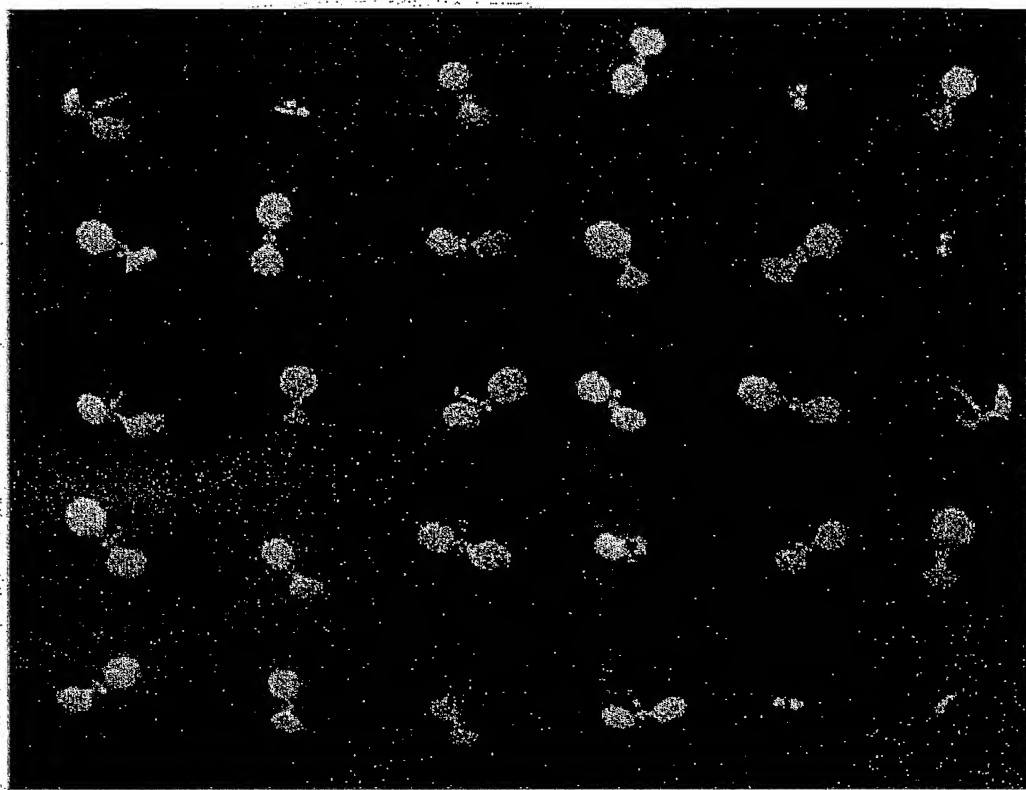
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FIG. 6B



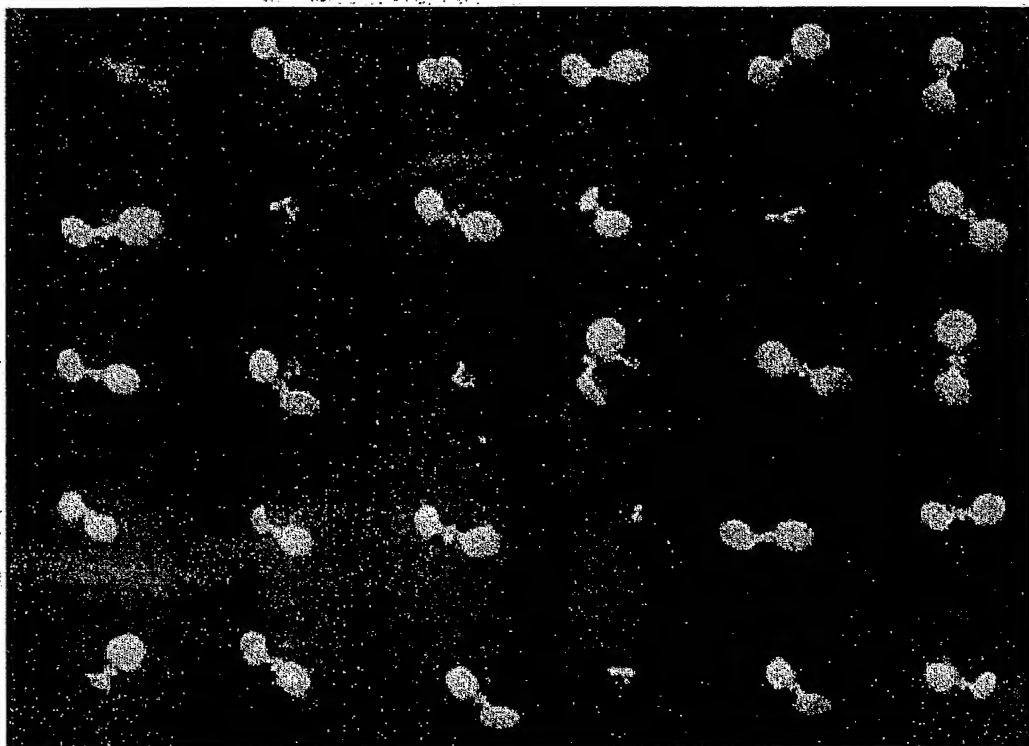
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FIG. 6C



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FIG. 6D



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FIG. 6E

